W	ork	Order	ID	59214
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Page 1

Friday, May 28, 2010 9:23:20 AM D3953-21 Item ID: Accept **Revision ID:** Gas Spring Bracket Item Name: **Start Date:** 5/27/2010 **Start Qty: 12.00** Required Date: 6/4/2010 Req'd Qty: 12.00 Reference: Date: 10-5-28 Tooling: Process Plan: Approvals: QC: Date: SPC (Y/N):

Cust Item ID: Customer:

Date:

Date:

Run

Setup Start

Start

Stop



Stop

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3953	С								
100	Мето	0.00				-B	10-5-3	31	-
FLOW CNC Waterjet るイ・いつが	Dwg Rev:Prog Rev: 2-Deburr if necessary				E	\$5 ro	bot fe	/ ?((8)

110

QC2- Inspect parts off machine FAI/FAIB

0.00

Memo

0.00

1310-5-31

Quality Control

Dart .	Aerosi	pace	Ltd
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W/O:			W	ORK ORDER CHAN	GES					,
DATE	STEP	PRO	CEDURE CHA	NGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No		PAR #:								
	R	esolution:							Date:	
NCR:			WORK ORD	ER NON-CONFORM	MANCE	(NCR)			
DATE	STEP	Description of NC			ection B	- 10g	Verific	ation	Approval	Approval
DAIL	SIEF	Section A	Initial Chief Eng	Action Description Chief Eng	1	Sign & Date	Secti		Chief Eng	QC Inspector
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Work	Order	ID	59214
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Friday, May 28, 2010 9:23:20 AM



Page 2

Item ID:

D3953-21

Accept



Setup Start

Stop



Revision ID:

Item Name:

Gas Spring Bracket

Start Date:

5/27/2010

Start Qty: 12.00

Required Date: 6/4/2010

Req'd Qty: 12.00



Cust Item ID: Customer:

Reference:

Approvals:

Process Plan: QC:

Date:

Tooling:

Date:

Run

Start

Stop



Date:_____

SPC (Y/N):

Set Up/

Run Hours

Date: Tool ID

Accept

Reject

Insp.

Sequence ID/ **Work Center ID**

120

QC

Quality Control

Operation Description

QC8- Inspect parts - second check

Memo

0.00

Tool # Plan

Code Qty Reject Qty

Number

Stamp

130

Small Fab Small Fab

Memo

1- CHAMFER HOLE AS PER DWG

0.00

0.00

2- DEBURR IF NECESSARY

140

QC5- Inspect part completeness to step on W/O

0.00

Quality Control

Memo

Dart .	Aeros	pace	Ltd
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w/o: 5	7214	WORK ORDER CH	HANGES				
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No: PAR #:	Fault Category:	NCR: Yes No DQA:	Date:
Resolution:	Disposition:	QA: N/C Closed:	Date:

NCR:		•	WORK ORDI	ER NON-CONFORMANO	CE (NCR)			
DATE	OTED	Description of NC	Description of NC Corrective Action Section B			Verification	Annuaval	A
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector
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Work Order ID 59214

Friday, May 28, 2010 9:23:20 AM



Page 3

Item ID:

D3953-21

Accept

Setup Start



Revision ID:

Item Name:

Required Date: 6/4/2010

Gas Spring Bracket

Start Date:

5/27/2010

Start Qty: 12.00

Req'd Oty: 12.00



Cust Item ID: Customer:

Reference:

Approvals:

QC:

Process Plan:

Operation

Description

Date:

Date:

Tooling:

Date:

Run

Start

Stop



SPC (Y/N): Set Up/

Run Hours

Date:

Stop

Sequence ID/

Work Center ID

150

Packaging Packaging

Memo

0.00

0.00

Tool ID

Tool # Plan Code

Accept Qty

Reject Qty

Reject Number

Insp. Stamp

160

QC

Quality Control

QC21- Final Inspection - Work Order Release

Identify as per dwg & Stock Location: 103

Memo

0.00

0.00

10/06/039

W W.06.03

Dart Aerospace Ltd

W/O:			W	ORK ORDER CHANG	GES					
DATE	STEP	PRO	OCEDURE CHA	ANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No	:	PAR #:	Fault Cate	egory:	_ NCR	: Yes I	No DQ	4 :	_ Date: _	
	R	esolution:	Dispositio	on:	QA:	N/C Clo	sed:		Date: _	
NCR:	ŧ		WORK ORD	ER NON-CONFORM	ANCE	(NCR		·		
DATE	STEP	Description of NC			tion B		Verific	ation	Approval	Approval
DAIL	J.L.	Section A	Initial Chief Eng	Action Description Chief Eng		Sign & Date	Section C		Chief Eng	QC Inspector
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	ļ						7.5.7			

Picklist Print

Friday, May 28, 2010 9:23:26 AM

Work Order ID: 59214

Parent Item: D3953-21

Parent Item Name:

Gas Spring Bracket

Comments:

IPP RevA: new issue DD 09.11.30 verified by:EC

dwg revC DD 10.03.02 verified by:EC

IPP Rev:B as per

Start Date: 5/27/2010

Required Date: 6/4/2010

Start Qty: 12.00

Required Qty: 12.00

Component Item ID/ Item Name

M304S11GA

Replacement Mfg/ Item ID Purch Purchased

Bin Primary Item Location No

Last Location

114488

Route Seq ID 100

Unit of Qty on Measure Hand sf 35.9300

Loc Code

Qty per Kit Total 0.0144

Qty Issued 0.181895

Date Issued

Status

HB10-5-3-

304/316 0.125 Sheet

Location

MAT

Loc Qty 35.93

35.93

114488

Otv



Dart Aerospace Ltd

W/O:			W	ORK ORDER CHANG	ES				
DATE	STEP	PRO	OCEDURE CH	ANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	•	PAR #:	Fault Cat	egory:	NCR: Yes	No DQ	A:	_ Date: _	
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NCR:			WORK ORE	DER NON-CONFORMA	NCE (NCR)			
DATE	STEP	Description of NC		Corrective Action Section		Verific	cation	Approval	Approval
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DART AEROSPACE LTD	Work Order:	59714
Description: GAS Spring BRACKET	Part Number:	D3953-21
Inspection Dwg: 03953-7 Rev: C		Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

X First Article Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
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Measured by: \Q	Audited by:	Prototype Approval:	N/A
Date: 10-5-3	Date: (0(666)	Date:	N/A

Ī	Rev	Date	Change	Revised by	Approved
	Α		New Issue	KJ/JLM	

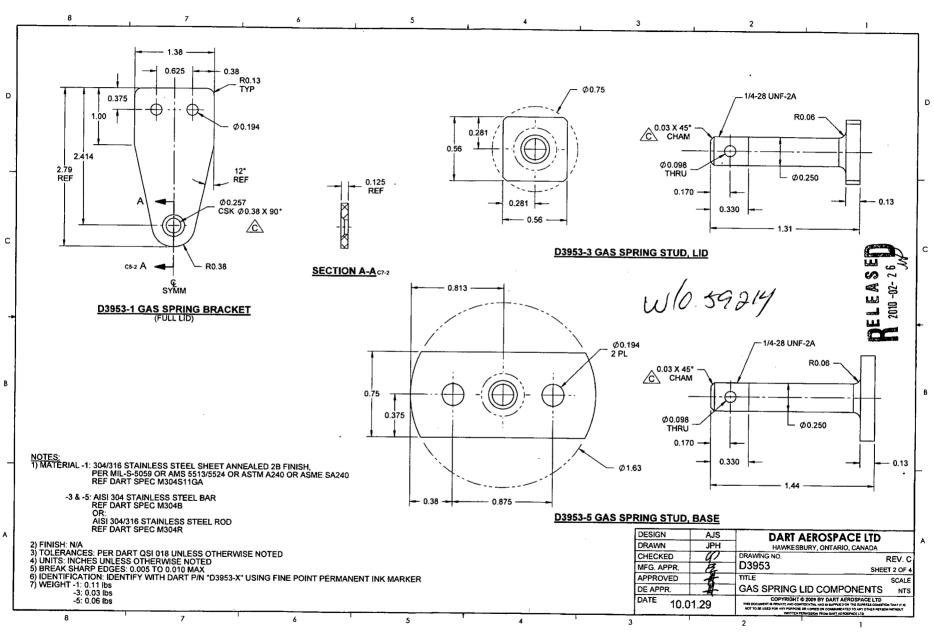
SHOP COPY
RETURN TO
ENGINEERING
CONTROLLED COPY

UNCONTROLLED COPY WITHOUT NOTICE WORK ORDER NO. 59214 25 10-5-28 D 0 D D3953-1 GAS SPRING BRACKET (FULL LID) D3953-9 GAS SPRING WASHER C D3953-3 GAS SPRING STUD, LID D3953-5 GAS SPRING STUD, BASE **D3953-7 GAS SPRING SPACER** 0 0 0 0 **D3953-11 GAS SPRING SPACER** D3953-13 GAS SPRING SPACER (FULL LID) D3953-15 GAS SPRING BRACKET (SPLIT LID) D3953-17 GAS SPRING SPACER (SPLIT LID) D3953-19 GAS SPRING BRACKET (SQUARE BASKET) PARTS -19 & -21 ADDED (SHT 18 4): CSK CALLOUT WAS CHAM (C6-2, B6-3, C6-4): Q. SYMM WAS Q. SYM ABOUT (C7-2, C7-4): SECTION C-C REPOSITIONED TO B2-4 REASON: ADDL PARTS REQD; DRAFTING ERRORS 10.01.29 SHEET 3 ZONE C1. DIM 0.05 MIN WAS 0.13, MULTIPLE DIMENSIONS MIN/MAX REMOVED TOLERANCE ADDED, REASON: DIFFICULTY INSTALLING COTTER PIN AT NEXT ASSY. AJS 09.11.11 Α NEW ISSUE AJS 09,07,27 REV. DESCRIPTION BY DATE DESIGN AJS DART AEROSPACE LTD DRAWN JPH HAWKESBURY, ONTARIO, CANADA CHECKED a DRAWING NO. REV. C D3953 MFG. APPR SHEET 1 OF 4 D3953-21 GAS SPRING BRACKET (SQUARE BASKET) APPROVED TITLE GAS SPRING LID COMPONENTS DE APPR COPYRIGHT © 2009 BY DART AEROSPACE LTD
THIS DOCUMENT IS MOVING AND CONFIDENTIAL AND IS SUPPLIED ON THE MOST TORK USED IN A APPLIED ON THE MOST TORK USED IN <u>@</u> DATE 10.01.29

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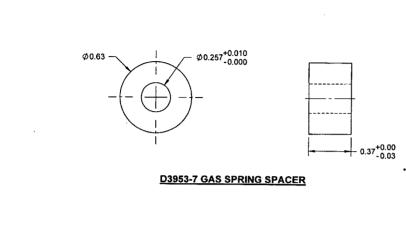
Dart Aerospace Ltd

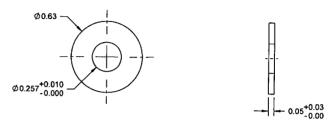
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Resolution:			Disposition:						Date:	
NCR:			WORK OR	DER NON-CONFO	RMANCE	(NCR)			
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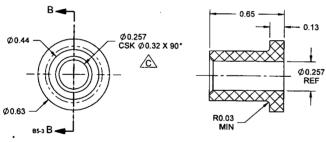
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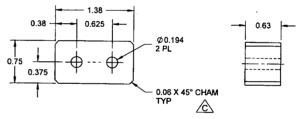


D3953-9 GAS SPRING WASHER



D3953-11 GAS SPRING SPACER

SECTION B-B B7-3



D3953-13 GAS SPRING SPACER

DESIGN	AJS	DART AEROSPACE LTD				
DRAWN	JPH	HAWKESBURY, ONTARIO, CANADA				
CHECKED	9	DRAWING NO.	REV. C			
MFG. APPR.	E,	□ D3053	T 3 OF 4			
APPROVED	-	TITLE	SCALE			
DE APPR.	#	GAS SPRING LID COMPONENTS				
DATE 10.0	1.29	COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PRINTE AND CONTROL WITH AND IS SUPPLED ON THE CEMESS CONDITION OF THE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PRINCE.	E TI TANT INC			

NOTES: 1) MATERIAL -7,-9 & -11: DELRIN II 150E OR ACETRON GP ACETAL, BLACK REF DART SPEC M-DELRIN-R

-13: AISI 304 STAINLESS STEEL BAR REF DART SPEC M304B

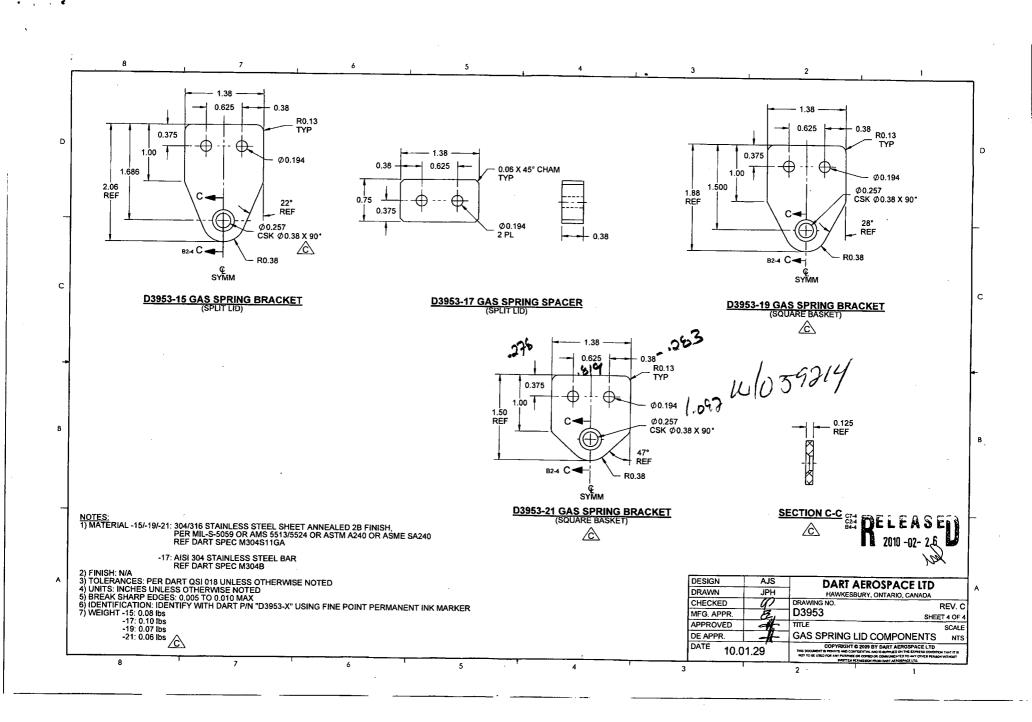
D

2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION -13 ONLY: IDENTIFY WITH DART P/N "D3953-13" USING FINE POINT PERMANENT INK MARKER
7) WEIGHT -7/-9/-11: < 0.01 lbs EACH
-13: 0.17 lbs

D

Dart Aerospace Ltd	Dart	Aer	ospa	ice	Ltd
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W/O:			W	ORK ORDER CHANG	ES			
DATE	STEP	PROCEDURE CHANGE			Ву	Date Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No	•	PAR #:	Fault Cat	egory:	NCR: Yes	No DQA:	Date: _	
Resolution:			Dispositi	on:	_ QA: N/C Cld	osed:	Date:	
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DATE	STEP	Description of NC	1:4:-1	Corrective Action Section Initial Action Description		Verification	Approval	Approval
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